

What is claimed is:

1. A disc brake comprising a caliper (1), a brake disc (6) and one or more brake pads (9) received in a pad holder (8), which brake disc (6) and pad holder (8) are axially moveable in relation to the caliper (1), **characterized** in that the brake disc (6) is furnished with a brake lining material (7) on one side and that there is no brake lining on the other side of the brake disc (6).
2. The disc brake of claim 1, **characterized** in that the brake lining (7) is coated on the brake disc (6) and extends a full circle ring on the brake disc (6).
3. The disc brake of claim 1 or 2, **characterized** in that the brake lining (7) is divided into two or more circle ring segments extending a full circle ring on the brake disc (6).
4. The disc brake of any of the previous claims, **characterized** in that the pad holder (8) is arranged on the side of the brake disc (6) having no brake lining.
5. The disc brake of any of the previous claims, **characterized** in that the caliper (1) has cooling flanges (2) extending over a part of the brake lining (7) of the brake disc (6) and that one or more grooves (3) are arranged on the cooling flanges (2) of the caliper (1).
6. The disc brake of any of the previous claims, **characterized** in that one or more wearing parts (10) are placed in the caliper (1) for contact with the brake lining (7) of the brake disc (6) during braking and/or that the wearing part(s) (10) is received in a recess of the caliper (1).
7. The disc brake of claim 6, **characterized** in that the wearing part (10) is fixed to the caliper (1).

8. The disc brake of any of the previous claims, **characterized** in that the caliper (1) has anchor parts (4) in which the pad holder (8) is fixed to the caliper (1).

9. The disc brake of claim 8, **characterized** in that the anchor parts (4) of the caliper (1) cross the plane of the brake disc (6).

10. The disc brake of claim 8 or 9, **characterized** in that the anchor parts (4) are arranged at a distance from each other forming openings (5) in the caliper (1).